

AMENDED

Application No. **85279**

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS
OF THE STATE OF NEVADA HERETOFORE APPROPRIATED**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office JULY 6, 2015

Returned to applicant for correction JULY 16, 2015

Corrected application filed JUL 21 2015 Map filed JUL 31 2015 under 85278

The applicant Barrick Turquoise Ridge, Inc.

PO Box 220

Street Address or PO Box

Nevada 89414

State and ZIP Code

of Golconda

City or Town

hereby make(s) application for permission to change the

☒ Point of diversion ☒ Place of use ☐ Manner of Use ☒ of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit 61686 (DW-1)

1. The source of water is Underground from dewatering well DW5

Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 0.837 cfs (375 gpm) and 197.1 mga

Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

604.88 AFD

3. The water to be used for mining, milling, dewatering

Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for mining, milling, dewatering

If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)

Within the SW 1/4 SW 1/4 Section 27, T39N, R42 E, MDM from which the quarter corner common to Sections 27 and 28, T39N, R42E, MDM bears N18° 43' 37"W 1555.33 ft. distant.

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

the NW4 NE4 S.33, T39N, R42E, at a point from which the NE corner of said S.33 bears N63° 14' 41"E, 2148.44 ft. distant, from a well known as DW-1

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

Within sections 13,14,15,16,17,18,19,20,21,22,23,25,26,27,28,29,32,33,34,35, and 36 in T39N, R42E, MDM; and sections 1,2,3,4,9,10,11,12,13,14,15, and 22 in T38N, R42E, MDM

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

Within sections 21,22,23,26,27,28,29,32,33, and 34 in T39N, R42E, MDM; and sections 3,4,9, and 10 in T38N, R42E, MDM

9. Proposed use will be from January 1 To December 31 of each year.
Month and Day Month and Day

10. Existing use permitted from January 1 to December 31 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Water is to be diverted from underground with a drilled deep dewatering well, pump, and motor.

12. Estimated cost of works \$2 million

13. Estimated time required to construct works 3 years

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.) DW5 will be a 3000 ft deep 8 5/8" diameter dewatering well equipped with a 415 hp submersible pump and 5-inch discharge column pipe. The well will be used to dewater strata around a proposed new 3000 ft deep ventilation shaft.

16. Miscellaneous remarks:

Water to be commingled with other mine waters and used for miscellaneous mining, milling, and dewatering purposes. Excess water is treated for removal of arsenic and reinfiltreated into the groundwater aquifer through infiltration basins.

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STATE ENGINEERS OFFICE

2015 JUL 21 AM 9:33

RECEIVED

Michael S. Smith 7.19.2015

Type or print name clearly

Signature, applicant or agent

Michael S. Smith, PE, PLS, SWRS - AGENT

Company Name

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City, State, ZIP Code